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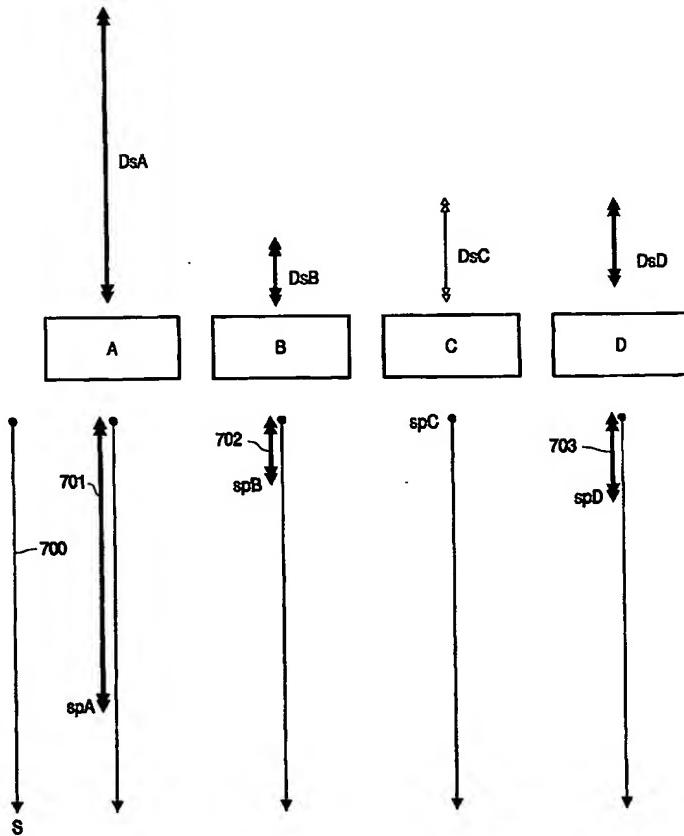
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- (71) Applicant (*for all designated States except US*): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **DE BUNJE, Albertina** [NL/NL]; Prof . Holstlaan 6, NL-5656 AA

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(54) Title: PULL SCHEDULING OF SOFTWARE COMPONENTS IN HARD REAL-TIME SYSTEMS



(57) **Abstract:** The present invention relates to a method of determining when a component is schedulable in a hard real time system for processing time dependent streams of data elements. The number of components is larger than the number of available processors for processing said components, and each of the components have at least one input and at least one output. The components are scheduled by determining the earliest time on which a component can contribute to the output of the system and by scheduling the component that can contribute to the output at the earliest time. The invention also relates to a hard real time system for processing time dependent streams of data elements with means for performing the above scheduling.

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